

DECLARATION

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **PROGRAMMABLE PHASE SHIFT CIRCUITRY** the specification of which X was filed on November 2, 1999 as Application No.: 09/432,142.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/106,876	November 3, 1998
60/107,101	November 4, 1998
60/107,166	November 5, 1998

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

Full Name of Inventor 1:	Last Name: WANG	First Name: BONNIE	Middle Name or Initial: I.
Residence & Citizenship:	City: Cupertino	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 10371 Prune Tree Lane	City: Cupertino	State/Country: California
			Postal Code: 95014
Full Name of Inventor 2:	Last Name: HUANG	First Name: JOSEPH	Middle Name or Initial:
Residence & Citizenship:	City: San Jose	State/Foreign Country: California	Country of Citizenship: United States
Post Office Address:	Post Office Address: 1231 Briarleaf Circle	City: San Jose	State/Country: California
			Postal Code: 95131

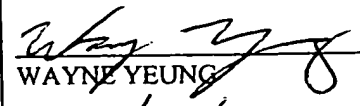
Full Name of Inventor 3:	Last Name: SUNG	First Name: CHIAKANG	Middle Name or Initial:	
Residence & Citizenship:	City: Milpitas	State/Foreign Country: California	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 2005 Skyline Drive	City: Milpitas	State/Country: California	Postal Code: 95035
Full Name of Inventor 4:	Last Name: WANG	First Name: XIAOBAO	Middle Name or Initial:	
Residence & Citizenship:	City: Santa Clara	State/Foreign Country: California	Country of Citizenship: China	
Post Office Address:	Post Office Address: 388 Montclair Drive	City: Santa Clara	State/Country: California	Postal Code: 95051
Full Name of Inventor 5:	Last Name: KIM	First Name: IN WHAN	Middle Name or Initial:	
Residence & Citizenship:	City: San Jose	State/Foreign Country: California	Country of Citizenship: Korea, South	
Post Office Address:	Post Office Address: 4281 Norwalk Drive, #W210	City: San Jose	State/Country: California	Postal Code: 95129
Full Name of Inventor 6:	Last Name: YEUNG	First Name: WAYNE	Middle Name or Initial:	
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 1920 Ocean Avenue, 3B	City: San Francisco	State/Country: California	Postal Code: 94127
Full Name of Inventor 7:	Last Name: NGUYEN	First Name: KHAI	Middle Name or Initial:	
Residence & Citizenship:	City: San Jose	State/Foreign Country: California	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 499 Suisse Drive	City: San Jose	State/Country: California	Postal Code: 95123

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

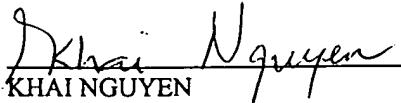
Signature of Inventor 1 <u>Bonnie I. Wang</u> BONNIE I. WANG Date <u>12/28/99</u>	Signature of Inventor 2 <u>Joseph Huang</u> JOSEPH HUANG Date <u>1/10/2000</u>	Signature of Inventor 3 <u>Chiakang Sung</u> CHIAKANG SUNG Date <u>1/4/2000</u>
Signature of Inventor 4 <u>Xiaobao Wang</u> XIAOBAO WANG Date <u>12/28/99</u>	Signature of Inventor 5 <u>In Whan Kim</u> IN WHAN KIM Date <u>1/11/00</u>	Signature of Inventor 6 <u>Wayne Yeung</u> WAYNE YEUNG Date _____

Full Name of Inventor 3:	Last Name: SUNG	First Name: CHIAKANG	Middle Name or Initial:	
Residence & Citizenship:	City: Milpitas	State/Foreign Country: California	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 2005 Skyline Drive	City: Milpitas	State/Country: California	Postal Code: 95035
Full Name of Inventor 4:	Last Name: WANG	First Name: XIAOBAO	Middle Name or Initial:	
Residence & Citizenship:	City: Santa Clara	State/Foreign Country: California	Country of Citizenship: China	
Post Office Address:	Post Office Address: 388 Montclair Drive	City: Santa Clara	State/Country: California	Postal Code: 95051
Full Name of Inventor 5:	Last Name: KIM	First Name: IN WHAN	Middle Name or Initial:	
Residence & Citizenship:	City: San Jose	State/Foreign Country: California	Country of Citizenship: Korea, South	
Post Office Address:	Post Office Address: 4281 Norwalk Drive, #W210	City: San Jose	State/Country: California	Postal Code: 95129
Full Name of Inventor 6:	Last Name: YEUNG	First Name: WAYNE	Middle Name or Initial:	
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 1920 Ocean Avenue, 3B	City: San Francisco	State/Country: California	Postal Code: 94127
Full Name of Inventor 7:	Last Name: NGUYEN	First Name: KHAI	Middle Name or Initial:	
Residence & Citizenship:	City: San Jose	State/Foreign Country: California	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 499 Suisse Drive	City: San Jose	State/Country: California	Postal Code: 95123

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 _____ BONNIE I. WANG Date	Signature of Inventor 2 _____ JOSEPH HUANG Date	Signature of Inventor 3 _____ CHIAKANG SUNG Date
Signature of Inventor 4 _____ XIAOBAO WANG Date	Signature of Inventor 5 _____ IN WHAN KIM Date	Signature of Inventor 6  WAYNE YEUNG Date 1/5/2000

Signature of Inventor 7


KHAI NGUYEN

Date 01/04/00

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